

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (Currently Amended) A method of processing platform-specific events by a virtual machine that operates on a first platform, wherein said virtual machine concurrently supports a first and a second task, said method comprising:

receiving, by a virtual machine, a platform-specific event that is associated with a first platform;

selecting, by said virtual machine, one of said first and second tasks as a selected task for receiving said platform-specific event, wherein said selection is performed when said first and second tasks are concurrently supported by said virtual machine;

manipulating said platform-specific event by modifying its data structure to be compliant with a data structure format supported by said selected task, thereby to represent said platform-specific event in a form that is accessible by said selected task; and

processing said platform-specific event by said selected task.

2. (Previously Presented) A method as recited in claim 1, wherein said method further comprises:

providing an event-repository and an event-handler at said selected task; and

placing said platform-specific event in said event-repository;

invoking said event-handler to initiate processing of said native event; and

processing, by said event-handler, said platform-specific event.

3. (Previously Presented) A method as recited in claim 2, wherein said event-repository is implemented as a first-in first-out queue, wherein said event-handler is implemented as an event-handler thread, and wherein said selection is performed by an event-manager thread of said virtual machine.

4. (Previously Presented) A method as recited as claim 1, wherein said platform-specific event is manipulated to be associated with a Java compliant data structure.

5. (Previously Presented) A method as recited in claim 4, wherein said manipulating of said platform-specific event is performed by said virtual machine.

6. (Previously Presented) A method as recited in claim 1, wherein said selected task is associated with a Java compliant Mobile Information Device Profile application (MIDlet).

7. (Cancelled)

8. (Original) A method as recited in claim 1, wherein said selection comprises: selecting a foreground task when said selection is made.

9. (Previously Presented) A method as recited in claim 1, wherein said selected task is associated with a Java compliant Mobile Information Device Profile application (MIDlet), and wherein said selection comprises:

selecting a foreground task when said selection is made, said foreground task being one of processed in the foreground relative to an unselected task and displayed in the foreground relative to the unselected task.

10. (Previously Presented) A method as recited in claim 9, wherein said selecting said foreground tasks comprises: selecting a task that is displayed for a user.

11. (Original) A method as recited in claim 10, wherein said first platform includes a mobile device.

12. (Currently Amended) A computer-implemented virtual machine for processing platform-specific events associated with a first platform, wherein said virtual machine concurrently supports a first and a second task, said virtual machine comprising:

first and second tasks that are concurrently operating on said virtual machine; and
a platform-specific event dispatcher that operates to:

receive a platform-specific event that is associated with said first platform; and
select one of said first and second tasks as a selected task for processing said
platform-specific event

wherein said virtual machine manipulates said platform-specific event by modifying its
data structure to be compliant with a data structure format supported by said selected task,
thereby to represent said platform-specific event in a form that is accessible by said selected task.

13. (Previously Presented) A computer-implemented virtual machine as recited in claim 12,
wherein said virtual machine further comprises: a platform-specific event-handler at said
selected task, wherein said platform-specific event-handler is invoked when said selected task is
selected, and wherein said platform-specific event-handler processes said platform-specific event
when said native event-handler is invoked.

14. (Previously Presented) A computer-implemented virtual machine as recited in claim 12,
wherein said virtual machine further comprises: a platform-specific event-repository and a
platform-specific event-handler at said selected task; and said platform-specific event-dispatcher
can further operate to: place said platform-specific event in said platform-specific event-
repository; and invoke said platform-specific event-handler to initiate processing of said
platform-specific event.

15. (Currently Amended) A method of processing native events by a virtual machine that
operates on a first platform, wherein said virtual machine concurrently supports a first and a
second task on said first platform, said method comprising: receiving, by a virtual machine, a
platform-specific event that is associated with a first platform; determining, by said virtual
machine, which one of said first and second tasks is a foreground task, wherein said foreground
task is displayed in the foreground relative to the other of the first and second tasks;
manipulating said platform-specific event by modifying its data structure to be compliant with a
data structure format supported by said selected task, thereby to represent said platform-specific
event in a form that is accessible by said selected task; and processing, by said foreground task,
said platform-specific event.

16. (Original) A method as recited in claim 15, wherein said first platform includes a mobile

device.

17. (Previously Presented) A method as recited in claim 15, wherein said first and second tasks are associated with Mobile Information Device Profile applications (MIDlets).

18. (Currently Amended) A computer-implemented virtual machine that concurrently supports a first and a second task on a first platform, and wherein said virtual machine operates to:

receive a platform-specific event that is associated with said first platform;

determine which one of said first and second tasks is a foreground task, wherein said foreground task is displayed in the foreground relative to other of the first and second tasks

manipulate said platform-specific event by modifying its data structure to be compliant with a data structure format supported by said foreground task, thereby to represent said platform-specific event in a form that is accessible by said ~~selected~~ foreground task; and
process said platform-specific event by said foreground task..

19. (Previously Presented) A computer-implemented virtual machine as recited in claim 18,
wherein said virtual machine operates on a mobile device; and
wherein said foreground task is associated with a Java compliant Mobile Information Device Profile application (MIDlet).

20. (Currently Amended) A computer readable medium including a computer program for processing platform-specific events by a virtual machine that operates on a first platform, wherein said virtual machine concurrently supports a first and a second task, said computer readable medium comprising:

computer program code for receiving a platform-specific event that is associated with a first platform;

computer program code for selecting one of said first and second tasks as a selected task for receiving said platform-specific event, wherein said selection is performed when said first and second tasks are concurrently supported by said virtual machine;

computer program code for manipulating said platform-specific event by modifying its data structure to be compliant with a data structure format supported by said selected task,

thereby to represent said platform-specific event in a form that is accessible by said selected task; and

computer program code for processing said platform-specific event by said selected task.

21. (Cancelled).

22. (Previously Presented) A computer readable medium as recited in claim 20, wherein said selected task is associated with a Java compliant Mobile Information Device application (MIDlet).